

## ABSTRACT

The present invention provides carbonate-based anti-  
5 caking agents with reduced gassing properties and methods  
for preparing these anti-caking agents. The carbonate-  
based core material is encapsulated with encapsulating  
agents, which possess properties that can decrease the  
contact between the carbonate-based core material and its  
10 outer environment to minimize the production of carbon  
dioxide in the headspace of food package.

BFLODOCS: 869654 v1 (\$N1201!.DOC)

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